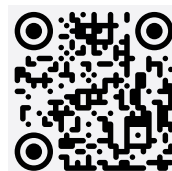


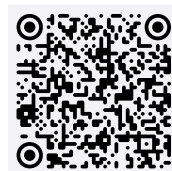
LPHW unit heater

HC-3S

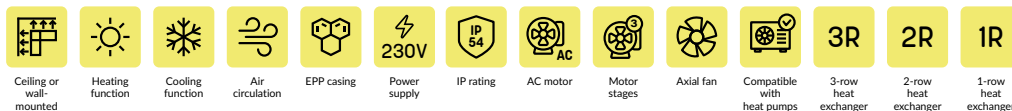
HEATING CAPACITY RANGE: **1,55 kW - 91,5 kW**



Check our pricing



Technical documentation



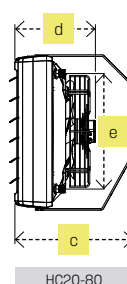
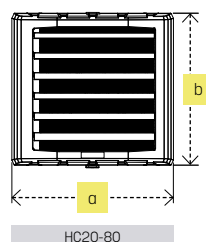
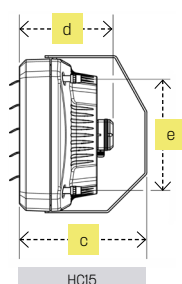
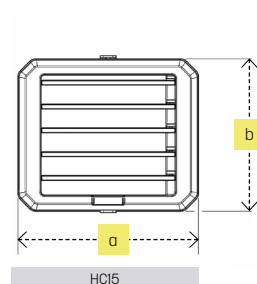
The HC-3S unit heaters are hot water fan heaters designed for use in industrial or commercial facilities. They must be supplied with a flow of low-pressure hot water to allow heat transfer from the exchanger to the designated area. The unit can also be supplied with cold water to chill the air within the facility.

KEY FEATURES

- Heating capacity ranges from 1,55 kW to 91,5 kW
- Cooling capacity ranges from 2,6 kW to 35 kW
- Airflow ranges from 850 m³/h to 5 000 m³/h
- 3-stage fan speed control
- AC induction motor with an IP54 rating
- EPP housing
- ABS air louvres (optional 360° diffuser or confusor versions)
- Manufactured in Poland



PRODUCT NAME	PRODUCT CODE	HEATING CAPACITY RANGE	COOLING CAPACITY RANGE	MAXIMUM AIRFLOW	VOLTAGE / FREQUENCY	MOTOR POWER	NET WEIGHT	NOISE LEVEL
		kW	kW	m³/h 3 stage 2 stage 1 stage	V/Hz	W 3 stage 2 stage 1 stage	kg	dB 3 stage 2 stage 1 stage
HC15-3S	WHHC15-3S-2402	1,79 - 23,3	2,7 - 7,5	1 500 1 000 850	230/50	80 48 45	10	53 47 45
HC20-3S	WHHC20-3S-1759	1,55 - 28,4	2,6 - 5,4	3 200 2 150 1 350	230/50	190 150 120	12,5	57 55 49
HC30-3S	WHHC30-3S-1760	1,8 - 34,9	3,2 - 11,8	3 100 1 950 1 250	230/50	190 150 120	12,5	57 55 49
HC35-3S	WHHC35-3S-1761	2,14 - 40,1	3,9 - 13,9	2 700 1 700 1 100	230/50	190 150 120	14	56 54 48
HC45-3S	WHHC45-3S-1762	3,21 - 55,6	6,2 - 18,6	2 500 1 450 950	230/50	190 150 120	14	56 54 48
HC50-3S	WHHC50-3S-2006	5,00 - 65,8	7,4 - 22,2	5 000 4 200 2 600	230/50	480 350 280	20,5	66 60 54
HC70-3S	WHHC70-3S-1764	5,00 - 80,1	9,1 - 30,5	3 400 1 900 1 450	230/50	240 190 160	20	58 53 49
HC80-3S	WHHC80-3S-1956	6,96 - 91,5	10,3 - 35	4 200 3 500 2 300	230/50	480 350 280	22,5	65 59 53



HC 15

a. 570 mm
b. 480 mm
c. 401 mm
d. 350±3 mm
e. 295 mm

HC 20-45

a. 635 mm
b. 600 mm
c. 465 mm
d. 455±3 mm
e. 320 mm

HC 50-80

a. 739 mm
b. 699 mm
c. 532 mm
d. 550±3 mm
e. 345 mm

CONTROLLERS AND AUTOMATION

Controllers, speed controllers and automation devices compatible with unit heaters

The table shows the maximum number of unit heaters supported by a single device

PRODUCT NAME	PRODUCT CODE	LPHW unit heaters HC-3S							
		HC15-3S	HC20-3S	HC30-3S	HC35-3S	HC45-3S	HC50-3S	HC70-3S	HC80-3S
3-stage speed controller with thermostat HC3S	RTHC3S-1779	8	3	3	3	3	1	2	1
Programmable controller HMI BMS	PCHMI-1797	13	6	6	6	6	2	4	2
Programmable controller HMI Wi-Fi	PCHMI-WIFI-2301	13	6	6	6	6	2	4	2
Manual thermostat HC	RTHC-1523	8	3	3	3	3	1	2	1
Fan speed controller HC 1,2A	FSHC-1520	3	1	1	1	1		1	
Fan speed controller HC 3A	FS3HC-2104	8	3	3	3	3	1	2	1
Fan speed controller HC 5A	FS5HC-1607	13	6	6	6	6	2	4	2
Fan speed controller HC 7A	FS7HC-1608	19	8	8	8	8	3	6	3
Fan speed controller HC 14A	FS14HC-1610	38	17	17	17	17	6	12	6
Relay module RM-16A	RM16A-2343	44	19	19	19	19	7	14	7
Two-way valve with actuator HC 3/4"	VAHC-1524	1	1	1	1	1	1	1	1
Three-way valve with actuator HC 3/4"	VAHC3-1998	1	1	1	1	1	1	1	1
Maintenance switch MS 230V	MS230-2419	55	24	24	24	24	9	18	9

PRODUCT NAME	PRODUCT CODE	HC-3S	HC-EC	HC3P	S-3S	EHU-3S	FARMER HCF	FARMER OPENAIR
Mixing chamber MC HC20-45	MCHC2045-1782	•	•					
Mixing chamber MC HC50-80	MCHC5080-2016	•	•				•	
Confusor		•	•	•			•	
Rotating mounting bracket FARMER OpenAir	RHFO-2044							•
Rotating mounting bracket EHU 14	RHHU14-2504					•		
Rotating mounting bracket HC15	RHHC15-2429	•	•					
Rotating mounting bracket HC20-45	RHHC2045-1518	•	•	•				
Rotating mounting bracket HC50-80, FARMER	RHHC5080-2015	•	•	•			•	
Rotating mounting bracket S1	RHS1-1755				•			
Rotating mounting bracket S2, S3	RHS2S3-1756				•			
Rotating mounting bracket S4	RHS4-1757				•			
Diffuser 360°		•	•	•			•	
Horizontal diffuser	HDFO-2045							•
HC 3/4" flexible hoses (2pcs)	FHHC-1525	•	•	•	•		•	•
Drip tray HC15	DTFHC15-2428	•	•					
Drip tray HC20-45	DTFWHHC2045	•	•	•				
Drip tray HC50-80	DTFWHHC5080	•	•	•			•	
Drip tray FARMER OpenAir	DTFOA-2449							•
Mounting brackets S-3S	HS1234F-1754				•			
Z type suspension bracket	SB-2029	•	•	•	•	•	•	•